

Application Serial No. 10/798,001  
In reply to Office Action of March 11, 2008

Docket CU-3633

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**Amendments To The Abstract**

**Clean Version**

Please replace the Abstract of the Disclosure with the following paragraph:

A bio-microarray is presented for the purpose of improving the accuracy of a variety of analyses. The bio-microarray is capable of producing a relatively high signal intensity from a fluorescent molecule and is capable of exhibiting an improved quantification performance. The bio-microarray can include a substrate, an anti-reflection layer on the substrate, and an immobilization layer. The immobilization layer is used to immobilize a probe biomolecule in a pattern on the anti-reflection layer. The anti-reflection layer may have a fine uneven structure or may have a fine porous structure.